



**COUNCIL FOR OPTICAL RADIATION MEASUREMENTS
CORM 2001 ANNUAL CONFERENCE AND BUSINESS MEETING**

SCHEDULE OF EVENTS

May 14-16, 2001

Monday, May 14, 2001: CORM Technical Committee Meetings

Radiometry Committee

Meeting Location: NIST, Lecture Room C

- 8:00 AM** Breakfast (coffee/tea/pastries are provided)
- 8:30 AM** CORM CR-7 & CIE TC2-45 Joint Meeting;
Measurement of LED s (Dr. Kathleen Muray, Chair)
- 9:30 AM** CORM CR-6 & CIE TC2-51 Joint Meeting
Diode Array Spectroradiometry (Mr. Richard Austin, Chair)
- 10:30 AM** CORM CR-3
Photometry (Dr. Yoshi Ohno, Chair)
- 12:00 PM** Lunch (on your own)
- 1:00 PM** CORM CR-4
Flux Integrating Devices (Mr. Greg McKee, Chair)
- 2:30 PM** CORM CR-5
Electronic Displays (Dr. Steve Brown, Chair)
- 4:00 PM** CORM CR-1
Standard Sources for Radiometry and Photometry (Mr. David Gross, Chair)

Optical Properties of Materials Committee

Meeting Location: NIST, B111 Conference Room

- 1:00 PM** CORM OP-2 & CIE TC2-39 Joint Meeting
Measurement Geometry (Dr. Danny Rich, Chair)
- 5:00 PM** All Technical Committee Meetings Adjourned.

Tuesday, May 15, 2001: CORM 2001 Annual Conference (Day 1)

Location: NIST, Green Auditorium

8:00 AM Registration & Breakfast (coffee/tea/pastries are provided)

8:45 AM Opening Remarks; CORM 2001 Announcements and Logistics:

SESSION I:

History of NIST Activities in Optical Radiation Measurement and SRMs

9:00 AM *History of Photometry and Radiometry at NIST* - Dr. Jon Hardis, NIST

9:30 AM *A Retrospection on Spectrophotometry at NBS/NIST --1969 to 1992-* Dr. Jack Hsia, NIST

10:00 AM *History of NIST Contributions to Colorimetry* - Dr. Ed Early, NIST

10:30 AM Break (Cookies and soft drinks are provided)

10:45 AM **Special Presentation:** *Volunteer Labs Sought to Test Foundations of Colorimetry.* Dr. Mike Brill, CIE TC1-56

11:00 AM **Special Presentation:** *CORM Seventh Report - A Preliminary Review* - Dr. Richard Young, Co-Chair, CORM Seventh Report Committee

11:30 AM *CORM Annual Business Meeting* - Mr. Phil Wychorski, CORM President

12:00 PM Lunch (on your own)

SESSION II:

Recent Developments in Measurements and Standards

1:00 PM CORM 2001 Announcements and Logistics

1:15 PM *The NIST Evaluation of 1 kW Quartz Halogen Lamps For Use as Standards of Spectral Irradiance*—Dr. Charles Gibson, NIST

1:45 PM *Realization of NIST Detector-based Spectral Irradiance Scale* —Dr. Howard Yoon, NIST

2:15 PM Break (Cookies and soft drinks are provided)

SESSION II:
Recent Developments in Measurements and Standards (continued)

- 2:45 PM** *Spectral Irradiance and Radiance Responsivity Calibrations using Uniform Sources (SIRCUS)* - Dr. George Eppeldauer, NIST
- 3:15 PM** *Variability of Fluorescent Spectral Reflectance Referenced to BAM-2-Monochromator-Spectrometer* —Dr. Klaus Witt, BAM
- 3:45 PM** *Recent Developments in Measurements and Standards at the National Research Council of Canada* —Dr. Arnold Gaertner & Dr. Phil Boivin, National Research Council (NRC) of Canada
- 4:15 PM** *New Approach to Nonlinearity Corrections in Spectrophotometry* —Dr. John Clare, Measurement Standards Laboratory of New Zealand
- 4:45 PM** Dismiss for evening activities.

Tuesday Evening, May 15, 2001

Franc Grum Memorial Lecture and Banquet

Location: Holiday Inn, Gaithersburg; Grand Ballroom

- 6:00 PM** Social Hour (cash bar)
- 7:00 PM** Annual Banquet
- 8:30 PM** Lecture: ***"Celebrating a Century of Colo(u)r Measurement"***
Speaker: Dr. Joanne Zwinkels, NRC Canada

Wednesday, May 16, 2001: CORM 2001 Annual Conference (Day 2)

Location: NIST, Green Auditorium

8:00 AM Registration & Breakfast (coffee/tea/pastries are provided)

***SESSION III:
Inter-Comparisons***

8:40 AM Begin session; Brief Announcements and Logistics

8:45 AM *NCSLI RP 15 "Guide for Interlaboratory Comparisons"*—Dr. Georgia Harris, NIST

9:15 AM *Display Measurement Assessment Transfer Standard: Colorimetric Measurement Comparison and Uncertainty Analysis* -Mr. John Libert, NIST

9:45 AM *Inter-comparison of the Daytime Color of Fluorescent Materials by the 2-Monochromator Method for Both Retroreflective and non-Retroreflective Specimens*—Mr. David Burns 3M

10:15 AM *Preliminary Results of an International Intercomparison of Near Infrared Detector Spectral Responsivity* -Dr. Steve Brown, NIST

10:45 AM Break (Cookies and soft drinks are provided)

***SESSION IV:
Pressing Problems and Uncertainty Requirements in UV Radiometry***

11:00 AM *Measuring the Irradiance of High Power UV Lamps in Radiation Curing Process Industries Using a Calibrated Photodiode Array Spectrograph* —Mr. Andrew Ridyard, 4D Controls

11:30 AM *UV Measurement Needs for UV Curing* —Dr. Robin Wright, 3M

12:00 PM *Recent Progress in UV Radiometry with Synchrotron Radiation at NIST* Dr.
Ping-Shine Shaw

End of CORM 2001 Annual Conference

12:30 PM Lunch (on your own)

1:30 PM to 3:00 PM Self-guided tours of NIST